

VALUES

1	.05mfd	2	.5 meg
3	.01mfd	4	.25 meg
5	10,000 Ω	6	1 meg
7	.1mfd	8	1 meg
9	.1mfd	10	2 meg
11	.5 meg	12	.5 meg
13	.5 mfd	14	.5 meg
15	.1mfd	16	20,000 Ω
17	.1mfd	18	.1mfd
19	10,000 Ω	20	25,000 Ω
21	.001mfd	22	0.0025mfd
23	.01mfd	24	.004mfd
25	250 Ω	26	% Pbd. Trim.
27	% Osc. coil	28	.00037mfd
29	50 μf	30	.0001mfd
31	.1mfd	32	100,000 Ω
33	% Osc. Trim.	34	% Osc. Trim.
35	% RF Trim.	36	% RF Trim.
37	% Aer. Trim.	38	% Aer. Trim.
39	% RF. coil	40	.1mfd
41	.0005mfd	42	.1mfd
43	% Aer. coil	44	.01mfd
45	50,000 Ω	46	.5 meg

THOM & SMITH LTD
29-39 BOTANY ROAD
MASCOT-N.S.W.

Tasma M480—5 VALVE DUAL WAVE
BATTERY OPERATED SUPERHETERODYNE

DR'N BY *J.C. Franklin* 6.8.37
CH'D BY *McL Brown* 7.5.37
AP'D BY *L. Tucker* 10.5.37

DRAWING N°
255

Tasma

SERVICE DATA

for

MODEL 480

DUAL WAVE SUPERHETERODYNE FOR BATTERY OPERATION

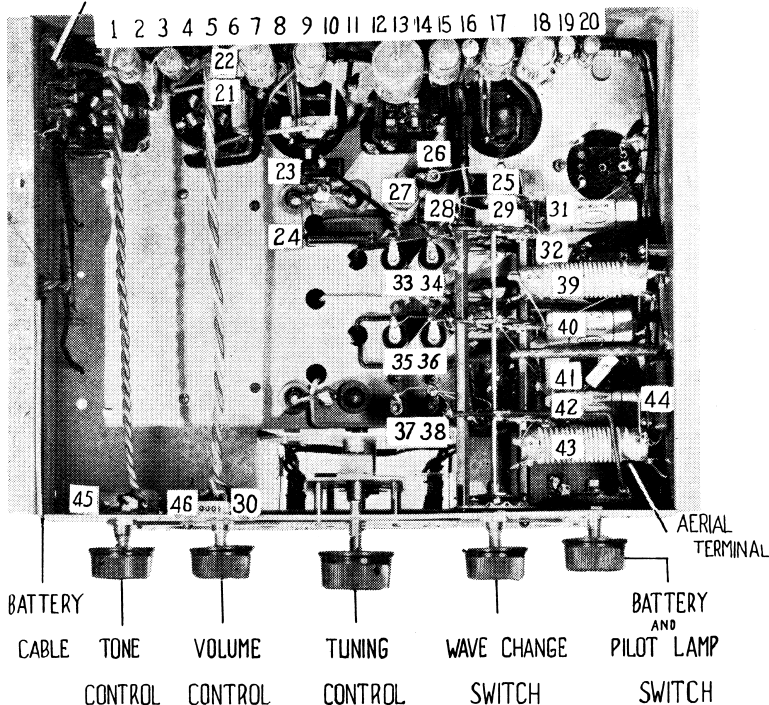
TABLE OF VOLTAGES AND CURRENTS

Valve	Function	Wave Switch	Ef	Ep	Ip	Esg	Isg	Eg	Eag	Iag
1C4	R.F.	SW	2	135	3.5	90	1.0	1.5	—	—
		BC	2	135	1.5	60	.5	1.5	—	—
1C6	Mixer	SW	2	135	4.5	80	1.6	—	135	1.6
		BC	2	135	1.25	50	1.0	1.5	60	1.0
1C4	I.F.	SW	2	135	3.5	90	1.0	1.5	—	—
		BC	2	135	1.5	60	.1	1.5	—	—
1K6	2nd Det. A.V.C.	SW	2	60	.25	40	.1	—	—	—
		BC								
1D4	1st Audio Output	SW	2	132	5.0	135	1.0	4.5	—	—
		BC								

Total "A" Battery Drain without Dial Lamps	.....	.....	.....	.....	.....	.....	.....	.....	.....	.72 Amp.
Total "A" Battery Drain with Dial Lamps	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.72 Amp.
Total "B" Battery Drain Broadcast Band Off Carrier	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.2 M.A.
Total "B" Battery Drain Broadcast Band On Carrier	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.5 M.A.
Total "B" Battery Drain Short Wave Band off Carrier	.....	.....	.....	.....	.....	.....	.....	.....	.....	20 M.A.

SPEAKER.

SOCKET



LOCATION OF COMPONENTS:

The key on circuit design is numbered to correspond to the numbers on photograph of sub-chassis view.

